

PLAN PEDESTRIAN BARRIER

TYPICAL AT END OF MODIFIED PEDESTRIAN BARRIER END SECTION
WHERE THRIE BEAM END SECTION "DESIGN F" STD. PLAN C-7a
OR GUARDRAIL END SECTION "DESIGN D OR F" STD PLAN C-5 IS USED.

NOTE TO DESIGNERS

- MODIFY THE FOLLOWING TO MATCH PROJECT REQUIREMENTS:
1. BARRIER END SECTION.
 2. REMOVE GUARDRAIL IF NOT CONNECTED TO BRIDGE ITEM.
 3. CONDUIT ALIGNMENT

10'-0" STEEL CONDUIT SECTION
BETWEEN CONDUIT DEFLECTION
FITTING A AND PVC CONDUIT IN
STATIONARY FORM BARRIER

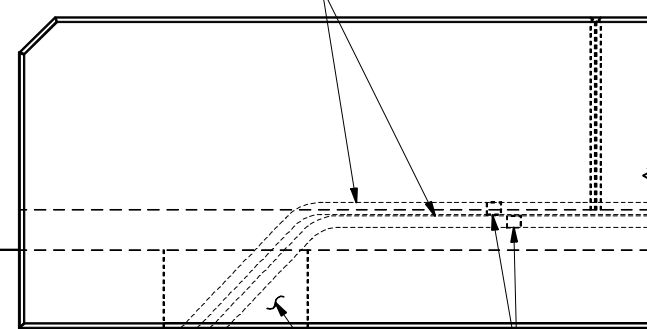
STAINLESS STEEL
COVER SCREWS (TYP.)

SECURE CONDUIT AND BOX TO
REBAR TO PREVENT MOVEMENT

BUNDLE [B1] #5 OR [B8] #5
ADJACENT TO EACH END OF
JUNCTION BOX (TYP.)

#4 x 3'-6" (TYP.)

8'-0" MIN. (L TYP.)



ELEVATION

CONDUITS & J-BOX IN PEDESTRIAN BARRIER

LABEL JUNCTION BOX COVER IN ACCORDANCE WITH STANDARD SPECIFICATION 9-29.2(4) AND SPECIAL PROVISIONS. ADJACENT JUNCTION BOXES ARE SHOWN CENTERED BETWEEN ADJACENT DUMMY JOINTS. IF THE DISTANCE BETWEEN ADJACENT DUMMY JOINTS IS 16'-0" OR GREATER, PLACE ADJACENT JUNCTION BOXES SYMMETRICALLY ON EITHER SIDE OF THE CENTER OF ONE DUMMY PANEL WHILE MAINTAINING 8'-0" MINIMUM BETWEEN CENTER LINES OF THE JUNCTION BOXES.

1/2" PREMOLDED JOINT FILLER
SEE STANDARD PLANS

CONCRETE CONCRETE

1'-0"

1" TIES @ 2 1/2"

1" 3/4"

CONCRETE

CONDUIT PIPE

CONCRETE

CONCRETE

CONCRETE

CONCRETE

CONCRETE

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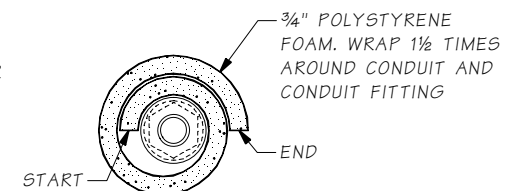
CONCRETE

CONCRETE

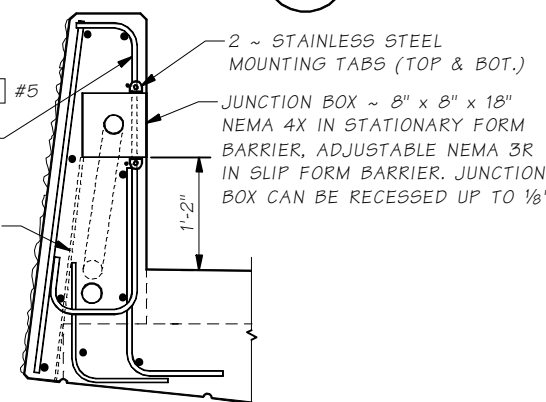
CONCRETE

CONDUIT DEFLECTION FITTING B

CONDUIT FITTING - TYPE DX FOR DEFLECTION OF 30° AND 3/4" MOVEMENT. CONDUIT PIPES PLACED THROUGH RETAINING WALL PEDESTRIAN BARRIER SHALL BE FITTED WITH DEFLECTION FITTINGS AT A MAXIMUM SPACING OF 120'. THE DEFLECTION FITTINGS SHALL BE PLACED AT THE PEDESTRIAN BARRIER OPEN JOINT THAT COINCIDES WITH THE RETAINING WALL STEM EXPANSION JOINT NEAREST TO THE TRANSVERSE CONSTRUCTION JOINT IN THE WALL FOOTING.



SECTION B



SECTION A

STANDARD TRAFFIC BARRIERS

PEDESTRIAN BARRIER
DETAILS 3 OF 3

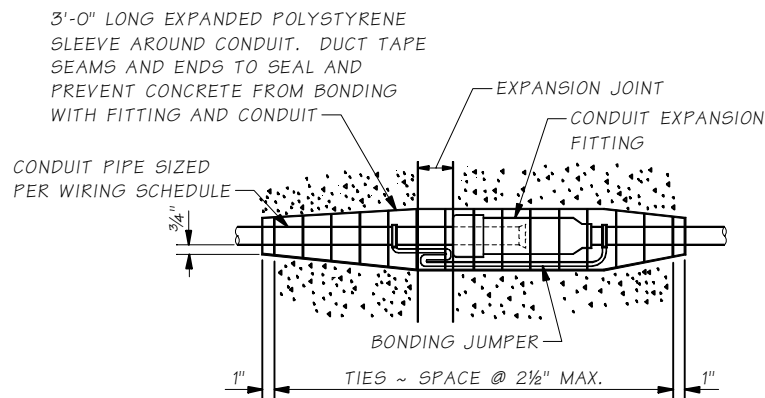
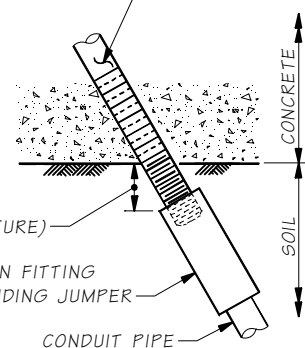
CONDUIT EXPANSION FITTING

CONDUIT FITTING - (TYPE AX FOR MOVEMENT OF ± 2")
AT BRIDGE EXPANSION JOINTS

CONDUIT DEFLECTION FITTING A

CONDUIT FITTING - TYPE DX FOR DEFLECTION OF 30° AND
3/4" MOVEMENT. PLACE AT CONDUIT PIPE EXIT FROM STRUCTURE

WHERE CONDUIT IN A STRUCTURE IS ROUTED
ACROSS A JOINT, WRAP STEEL CONDUIT PIPE
FOR 1'-0" ON EACH SIDE OF JOINT. PIPE WRAP
TAPE SHALL BE 2" WIDE, 20 MIL THICK, AND
INSTALLED WITH A MINIMUM OF 1" OVERLAP



Bridge Design Engr.	M:\STANDARDS\Traffic Barriers\Pedestrian Barrier\PED BARRIER 3.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By						
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

BRIDGE
AND
STRUCTURES
OFFICE



STANDARD TRAFFIC BARRIERS

PEDESTRIAN BARRIER
DETAILS 3 OF 3

BRIDGE SHEET NO.
SHEET
OF
SHEETS

SHEET

JOB NO.

SR

10.2-A4-3

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